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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/735,093
				Filing Date	December 12, 2003
				First Named Inventor	Franklin E. Boyer
				Art Unit	2424
				Examiner Name	F. E. Hossain
Sheet	1	of	13	Attorney Docket Number	UV/015 CON 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	AA	US-2002/0059599		05-16-2002	Schein et al.	
	AB	US-2002/0138840		09-26-2002	Schein et al.	
	AC	US-2003/0163813		08-28-2003	Klosterman et al.	
	AD	US-2003/0164858		09-04-2003	Klosterman et al.	
	AE	US-2003/0188310		10-02-2003	Klosterman et al.	
	AF	US-2003/0188311		10-02-2003	Yuen et al.	
	AG	US-2003/0196201		10-16-2003	Schein et al.	
	AH	US-2003/0208756		11-06-2003	Macrae et al.	
	AI	US-2003/0208758		11-06-2003	Schein et al.	
	AJ	US-2004/0139465		07-15-2004	Matthews et al.	
	AK	US-2004/0210935		10-21-2004	Schein et al.	
	AL	US-2004/0221310		11-04-2004	Herrington et al.	
	AM	US-2005/0015815		01-20-2005	Shoff et al.	
	AN	US-2005/0204388		09-15-2005	Knudson et al.	
	AO	US-2005/0229215		10-13-2005	Schein et al.	
	AP	US-2005/0278741		12-15-2005	Robarts et al.	
	AQ	US-2006/0037044		02-16-2006	Daniels	
	AR	US-2007/0271582		11-22-2007	Ellis et al.	
	AS	US-2008/0178221		07-24-2008	Schein et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BA	CN-1567986		01-19-2005	Starsight Telecast Inc		
	BB	DE-19531121		02-27-1997	Boström		
	BC	DE-19740079		03-18-1999	Ciburski et al.		
	BD	DE-3640436		06-09-1988	Siemens AG		
	BE	DE-4201031		07-15-1993	Issing et al.		
	BF	DE-4217246		12-02-1993	Grundig E.M.V.		

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		Number-Kind Code ² (if known)				
	AT	US-2008/0184308	A1	07-31-2008	Herrington et al.	
	AU	US-2008/0184312	A1	07-31-2008	Schein et al.	
	AV	US-2008/0288980	A1	11-20-2008	Schein et al.	
	AW	US-2009/0070817	A1	03-12-2009	Ellis et al.	
	AX	US-4,024,401		05-17-1977	Bernstein et al.	
	AY	US-4,081,753		03-28-1978	Miller	
	AZ	US-4,170,782		10-09-1979	Miller	
	AA1	US-4,271,532		06-02-1981	Wine	
	AB1	US-4,280,148		07-21-1981	Saxena	
	AC1	US-4,367,559		01-04-1983	Tults	
	AD1	US-4,375,651		03-01-1983	Templin et al.	
	AE1	US-4,381,522		04-26-1983	Lambert	
	AF1	US-4,390,901		06-28-1983	Keiser et al.	
	AG1	US-4,425,579		01-10-1984	Merrell	
	AH1	US-4,429,385		01-31-1984	Cichelli et al.	
	AI1	US-4,495,654		01-22-1985	Deiss	
	AJ1	US-4,527,194		07-02-1985	Sirazi	
	AK1	US-4,641,205		02-03-1987	Beyers, Jr.	
	AL1	US-4,689,022		08-25-1987	Peers et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BG	DE-4240187		06-01-1994	Siemens AG		
	BH	DE-4440419		05-09-1996	Issing et al.		
	BI	EP-0 721253		07-10-1996	Sony Electronics Inc.		
	BJ	EP-0 742669		11-13-1996	Matsushita Electric Industrial Co., Ltd.		
	BK	EP-0 774866		05-21-1997	Thomson Consumer Electronics		
	BL	EP-0 805594		11-05-1997	Sony Corporation		

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		Number-Kind Code ² (if known)				
	AM1	US-4,691,351		09-01-1987	Hayashi et al.	
	AN1	US-4,751,578		06-14-1988	Reiter et al.	
	AO1	US-4,754,326		06-28-1988	Kram et al.	
	AP1	US-4,787,063		11-22-1988	Muguet et al.	
	AQ1	US-4,882,732		11-21-1989	Kaminaga et al.	
	AR1	US-4,908,713		03-13-1990	Levine	
	AS1	US-4,959,719		09-25-1990	Strubbe et al.	
	AT1	US-4,963,994		10-16-1990	Levine	
	AU1	US-5,036,314		07-30-1991	Barillari et al.	
	AV1	US-5,038,211		08-06-1991	Hallenbeck	
	AW1	US-5,047,867		09-10-1991	Strubbe et al.	
	AX1	US-5,075,771		12-24-1991	Hashimoto et al.	
	AY1	US-5,126,851		06-30-1992	Yoshimura et al.	
	AZ1	US-5,155,591		10-13-1992	Wachob	
	AA2	US-5,170,388		12-08-1992	Endoh et al.	
	AB2	US-5,179,439		01-12-1993	Hashimoto et al.	
	AC2	US-5,189,630		02-23-1993	Barstow et al.	
	AD2	US-5,195,134		03-16-1993	Inoue et al.	
	AE2	US-5,210,611		05-11-1993	Yee et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BM	EP-0	854645	07-22-1998	Texas Instruments Inc.		
	BN	GB-1554411		10-17-1979	Communications Patents Ltd.		
	BO	JP-04227380		08-17-1992	Hitachi Ltd		
	BP	JP-06021907		01-28-1994	Niyuimedia Corp		
	BQ	JP-06392177		04-22-1988	Kinoshita Akiyoshi		
	BR	JP-07123326		05-12-1995	Sony Corp		

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		Number-Kind Code ² (if known)				
	AF2	US-5,223,924		06-29-1993	Strubbe	
	AG2	US-5,231,494		07-27-1993	Wachob	
	AH2	US-5,233,423		08-03-1993	Jernigan et al.	
	AI2	US-5,253,066		10-12-1993	Vogel	
	AJ2	US-5,317,403		05-31-1994	Keenan	
	AK2	US-5,323,240		06-21-1994	Amano et al.	
	AL2	US-5,335,277		08-02-1994	Harvey et al.	
	AM2	US-5,347,632		09-13-1994	Filepp et al.	
	AN2	US-5,353,121		10-04-1994	Young et al.	
	AO2	US-5,359,367		10-25-1994	Stockill et al.	
	AP2	US-5,396,546		03-07-1995	Remillard	
	AQ2	US-5,410,344		04-25-1995	Graves et al.	
	AR2	US-5,410,367		04-25-1995	Zahavi et al.	
	AS2	US-5,432,561		07-11-1995	Strubbe	
	AT2	US-5,444,499		08-22-1995	Saitoh et al.	
	AU2	US-5,446,919		08-29-1995	Wilkins	
	AV2	US-5,465,113		11-07-1995	Gilboy	
	AW2	US-5,465,385		11-07-1995	Ohga et al.	
	AX2	US-5,469,206		11-21-1995	Strubbe et al.	

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	BS	JP-07147657		06-06-1995	System Kk		
	BT	JP-0720254		11-24-1995	Roehm Properties BV		
	BU	JP-08125497		05-17-1996	Nippon Denki Home Electronics		
	BV	JP-08251122		09-27-1996	Sony Corp		
	BW	JP-08275077		10-18-1996	Sony Corp		
	BX	JP-08032538		02-02-1996	Sony Corp.		

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		Number-Kind Code ² (if known)				
	AY2	US-5,477,262		12-19-1995	Banker et al.	
	AZ2	US-5,479,266		12-26-1995	Young et al.	
	AA3	US-5,481,296		01-02-1996	Cragun et al.	
	AB3	US-5,483,278		01-09-1996	Strubbe et al.	
	AC3	US-5,488,409		01-30-1996	Yuen et al.	
	AD3	US-5,502,504		03-26-1996	Marshall et al.	
	AE3	US-5,524,195		06-04-1996	Clanton, III et al.	
	AF3	US-5,526,034		06-11-1996	Hoarty et al.	
	AG3	US-5,528,304		06-18-1996	Cherrick et al.	
	AH3	US-5,534,911		07-09-1996	Levitan	
	AI3	US-5,550,576		08-27-1996	Klosterman	
	AJ3	US-5,559,548		09-24-1996	Davis et al.	
	AK3	US-5,559,549		09-24-1996	Hendricks et al.	
	AL3	US-5,559,550		09-24-1996	Mankovitz	
	AM3	US-5,570,295		10-29-1996	Isenberg et al.	
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	AO3	US-5,583,560		12-10-1996	Florin et al.	
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	BY	JP-09102827		04-15-1997	Sony Corp		
	BZ	WO-0004708		01-27-2000	United Video Properties Inc		
	BA1	WO-0005889		02-03-2000	United Video Properties Inc		
	BB1	WO-0028734		05-18-2000	United Video Properties Inc		
	BC1	WO-8601359		02-27-1986	Prutec Ltd		
	BD1	WO-8703766		06-18-1987	Thomas Brandt GmbH		

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	AR3	US-5,592,551		01-07-1997	Lett et al.	
	AS3	US-5,594,490		01-14-1997	Dawson et al.	
	AT3	US-5,594,509		01-14-1997	Florin et al.	
	AU3	US-5,596,373		01-21-1997	White et al.	
	AV3	US-5,600,364		02-04-1997	Hendricks et al.	
	AW3	US-5,606,374		02-25-1997	Bertram	
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	AZ3	US-5,621,456		04-15-1997	Florin et al.	
	AA4	US-5,623,613		04-22-1997	Rowe et al.	
	AB4	US-5,630,119		05-13-1997	Aristides et al.	
	AC4	US-5,635,978		06-03-1997	Alten et al.	
	AD4	US-5,635,979		06-03-1997	Kostreski et al.	
	AE4	US-5,635,989		06-03-1997	Rothmuller	
	AF4	US-5,654,748		08-05-1997	Matthews, III	
	AG4	US-5,657,072		08-12-1997	Aristides et al.	
	AH4	US-5,663,757		09-02-1997	Morales	
	AI4	US-5,666,293		09-09-1997	Metz et al.	
	AJ4	US-5,666,645		09-09-1997	Thomas et al.	

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	BE1	WO-8903085		04-06-1989	Fox		
	BF1	WO-9413107		06-09-1994	Discovery Communicat Inc		
	BG1	WO-9414284		06-23-1994	Discovery Communicat Inc		
	BH1	WO-9501056		01-05-1995	Apple Computer		
	BI1	WO-9501059		01-05-1995	Apple Computer		
	BJ1	WO-9510910		04-20-1995	Intel Corp.		

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	AK4	US-5,671,411		09-23-1997	Watts et al.	
	AL4	US-5,675,390		10-07-1997	Schindler et al.	
	AM4	US-5,677,708		10-14-1997	Matthews, III et al.	
	AN4	US-5,677,981		10-14-1997	Kato et al.	
	AO4	US-5,682,206		10-28-1997	Wehmeyer et al.	
	AP4	US-5,686,954		11-11-1997	Yoshinobu et al.	
	AQ4	US-5,692,214		11-25-1997	Levine	
	AR4	US-5,694,176		12-02-1997	Bruette et al.	
	AS4	US-5,696,905		12-09-1997	Reimer et al.	
	AT4	US-5,699,107		12-16-1997	Lawler et al.	
	AU4	US-5,710,601		01-20-1998	Marshall et al.	
	AV4	US-5,710,884		01-20-1998	Dedrick	
	AW4	US-5,717,923		02-10-1998	Dedrick	
	AX4	US-5,722,041		02-24-1998	Freadman	
	AY4	US-5,724,567		03-03-1998	Rose et al.	
	AZ4	US-5,731,844		03-24-1998	Rauch et al.	
	AA5	US-5,734,853		03-31-1998	Hendricks et al.	
	AB5	US-5,734,893		03-31-1998	Li et al.	
	AC5	US-5,752,160		05-12-1998	Dunn	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BK1	WO-9519092		07-13-1995	Thomas Consumer Electronics		
	BL1	WO-9526608		10-05-1995	Loewe Opta Gmbh et al.		
	BM1	WO-9528055		10-19-1995	Prevue International, Inc.		
	BN1	WO-9532583		11-30-1995	TV Guide On Screen		
	BO1	WO-9532585		11-30-1995	TV Guide on Screen		
	BP1	WO-9532587		11-30-1995	Prevue International, Inc.		

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/735,093	
				Filing Date	December 12, 2003	
				First Named Inventor	Franklin E. Boyer	
				Art Unit	2424	
				Examiner Name	F. E. Hossain	
Sheet	8	of	13	Attorney Docket Number	UV/015 CON 3	

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		Number-Kind Code ² (if known)				
	AD5	US-5,754,939		05-19-1998	Herz et al.	
	AE5	US-5,758,257		05-26-1998	Herz et al.	
	AF5	US-5,758,259		05-26-1998	Lawler	
	AG5	US-5,760,821		06-02-1998	Ellis et al.	
	AH5	US-5,761,372		06-02-1998	Yoshinobu et al.	
	AI5	US-5,774,357		06-30-1998	Hoffberg et al.	
	AJ5	US-5,781,246		07-14-1998	Alten et al.	
	AK5	US-5,790,202		08-04-1998	Kummer et al.	
	AL5	US-5,790,753		08-04-1998	Krishnamoorthy et al.	
	AM5	US-5,793,964		08-11-1998	Rogers et al.	
	AN5	US-5,798,785		08-25-1998	Hendricks et al.	
	AO5	US-5,805,763		09-08-1998	Lawler et al.	
	AP5	US-5,818,441		10-06-1998	Throckmorton et al.	
	AQ5	US-5,822,123		10-13-1998	Davis et al.	
	AR5	US-5,828,420		10-27-1998	Marshall et al.	
	AS5	US-5,848,396		12-08-1998	Gerace	
	AT5	US-5,861,906		01-19-1999	Dunn et al.	
	AU5	US-5,862,292		01-19-1999	Kubota et al.	
	AV5	US-5,867,226		02-02-1999	Wehmeyer et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BQ1	WO-9607270		03-07-1996	Yuen et al.		
	BR1	WO-9613013		05-02-1996	Open Market, Inc.		
	BS1	WO-9613932		05-09-1996	Gemstar Dev Corp		
	BT1	WO-9617467		06-06-1996	Herz Frederick et al.		
	BU1	WO-9617473		06-06-1996	Tv Guide On Screen		
	BV1	WO-9634491		10-31-1996	Tv Guide On Screen		

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		Number-Kind Code ² (if known)				
	AW5	US-5,875,108		02-23-1999	Hoffberg et al.	
	AX5	US-5,889,950		03-30-1999	Kuzma	
	AY5	US-5,903,545		05-11-1999	Sabourin et al.	
	AZ5	US-5,914,746		06-22-1999	Matthews, III et al.	
	AA6	US-5,973,683		10-26-1999	Cragun et al.	
	AB6	US-5,977,964		11-02-1999	Williams et al.	
	AC6	US-5,990,927		11-23-1999	Hendricks et al.	
	AD6	US-6,005,597		12-21-1999	Barrett et al.	
	AE6	US-6,006,257		12-21-1999	Slezak	
	AF6	US-6,008,802		12-28-1999	Iki et al.	
	AG6	US-6,020,883		02-01-2000	Herz et al.	
	AH6	US-6,072,460		06-06-2000	Marshall et al.	
	AI6	US-6,075,526		06-13-2000	Rothmuller	
	AJ6	US-6,081,750		06-27-2000	Hoffberg et al.	
	AK6	US-6,088,722		07-11-2000	Herz et al.	
	AL6	US-6,091,883		07-18-2000	Artigalas et al	
	AM6	US-6,098,065		08-01-2000	Skillen et al.	
	AN6	US-6,104,705		08-15-2000	Ismail et al.	
	AO6	US-6,125,230		09-26-2000	Yaginuma et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BW1	WO-9641478		12-19-1996	Tv Guide On Screen		
	BX1	WO-9749242		12-24-1997	Starsight Telecast Inc et al.		
	BY1	WO-9750251		12-31-1997	News America Publications Inc et al.		
	BZ1	WO-9810589		03-12-1998	Starsight Telecast Inc.		
	BA2	WO-9816062		04-16-1998	Chang Allen		
	BB2	WO-9848566		10-29-1998	Gemstar Dev Corp et al.		

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		Number-Kind Code ² (if known)				
	AP6	US-6,133,909		10-17-2000	Schein et al.	
	AQ6	US-6,163,316		12-19-2000	Killian	
	AR6	US-6,172,674		01-09-2001	Etheredge	
	AS6	US-6,181,335		01-30-2001	Hendricks et al.	
	AT6	US-6,216,264		04-10-2001	Maze et al.	
	AU6	US-6,331,877		12-18-2001	Bennington et al.	
	AV6	US-6,437,836		08-20-2002	Huang et al.	
	AW6	US-6,505,348		01-07-2003	Knowles et al.	
	AX6	US-6,732,369		05-04-2004	Schein et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	BC2	WO-9901984		01-14-1999	Nds Ltd et al.		
	BD2	WO-9914947		03-25-1999	Prevue International Inc		
	BE2	WO-9930491		06-17-1999	Prevue International Inc.		
	BF2	WO-9945701		09-10-1999	Prevue International Inc		

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				Art Unit	2424
				Examiner Name	F. E. Hossain
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Brugliera, Vito, "Digital On-Screen Display: A New Technology for the Consumer Interface" (June, 1993).	
	CB	DIRECTV Plus2 System, Thompson Consumer Electronics, Inc. (1999).	
	CC	DiRosa, S., "BIGSURF Netguide," July 1995, vol. 3.1 (Sections 18, 21, and 28 - renumbered as pages 1-27).	
	CD	Eitz, Gerhard, "Zukünftige Informations- Und Datenangebote Beim Digitalen Fernsehen - EPG Und "Lesezeichen", " Rundfunktechnische Mitteilungen, Vol. 41, pp. 67-72, June, 1997.	
	CE	Hobbes Internet Timeline, 3/22/07	
	CF	Instruction Manual <i>Using StarSight 2</i> , StarSight Telecast, Inc., 1994.	
	CG	Kai et al., Development of a Simulation System for Integrated Services Television, Report from Information Processing Society of Japan, Japan, September 13, 1996, Vol. 96, No. 90 p. 13-20.	
	CH	Keith Lynch's timeline of net related terms and concepts, 3/22/07	
	CI	Leftwich, Jim & Schein, Steve, <i>StarSight Interactive Television Program Guide, Phase III</i> , Functional/Interactional Architecture Specification Document, Orbit Interaction, Palo Alto, California.	
	CJ	Leftwich, Jim, Lai, Willy & Schein, Steve, <i>StarSight Interactive Television Program Guide, Phase IV</i> , Functional/Interactional Architecture Specification Document, Orbit Interaction, Palo Alto, California, published before April 19, 1995.	

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	CK	LISTS> What's On Tonite TV Listings INTERNET ARTICLE, [Online], 28 January 1995, XP002378869 Retrieved from the Internet: URL: www.scout.wisc.edu/Projects/PastProjects/NH/95-01-31/0018.html > [retrieved on 2006-04-28] *the whole document*..	
	CL	Little et al., ACM Multimedia 93 Proceedings, A Digital On-Demand Video Service Supporting Content-Based Queries, pp. 427-436, July 1993	
	CM	Neumann, Andreas, "WDR Online Aufbau Und Perspektiven Automatisierter Online-Dienste Im WDR," Rundfunktechnische Mitteilungen, Vol. 41, pp. 56-66, June, 1997.	
	CN	Periodical Funkschau, Volume 11/1994, pages 78-79: Dial M for Movie	
	CO	Periodical RFE, Vol. 9'95, page 100: Trend and Technology Open TV for Interactive Television	
	CP	Printout from Goggle News Archives, 3/22/07	
	CQ	Prodigy Launches Interactive TV Listing, April 22, 1994, Public Broadcasting Report.	
	CR	Rogers, C., "Telcos vs. Cable TV: The Global View," Sept. 1995, Report/Alternative Carriers, Data Communications, No. 13, New York, pp. 75, 76, 78, 80.	
	CS	Schauer, Tom: INTERNET ARTICLE, [Online] 28 September 1995 (1995-09-28), XP002378870, Retrieved from the Internet: URL: www.vision2020.moscow.com/Archives/1995/9509/0058.html > [retrieved on 2006-04-28] *the whole document*.	
	CT	Schmuckler, Eric, "A marriage that's made in cyberspace (television networks pursue links with online information services)," May 16, 1994, MEDIAWEEK, v4, n20, p22 (3).	

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	CU	TV Guide movie database Internet web pages printed on August 12, 1999 (9 pages).	
	CV	TV Guide Online Set For Fall, Entertainment Marketing Letter, August 1994.	
	CW	VideoGuide, Videoguide User's Manual, pp. 1-27.	
	CX	Wikipedia article on CompuServe, 3/22/07	
	CY	Wittig, H. et al., INTELLIGENT MEDIA AGENTS IN INTERACTIVE TELEVISION SYSTEMS PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MULTIMEDIA COMPUTING AND SYSTEMS, LOS ALAMITOS, CA, US, 15 May 1995 (1995-05-15), - 18 May 1995, (1995-05-18) pages 182-189, XP00603484 page 183, left hand column, paragraph 2, page 184, right-hand column, paragraph 2 figure 4.	
	CZ	EP Search Report (EP 06 07 6553) dated October 24, 2006	
	CA1	International Search Report (PCT/US 97/22753) dated May 14, 1998	

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